

ROUTE 7 TRAFFIC FLOW IMPROVEMENTS

POTOMAC VIEW ROAD TO AUGUSTA DRIVE

LOUDOUN COUNTY

**DEPARTMENT OF TRANSPORTATION &
CAPITAL INFRASTRUCTURE**

**A. MORTON THOMAS
& ASSOCIATES, Inc.**

PROJECT PURPOSE

- OPERATIONAL IMPROVEMENTS
- SAFETY IMPROVEMENTS
- ADDITIONAL BENEFITS:
 - DRAINAGE UPGRADES
 - STORMWATER TREATMENT

PROJECT HIGHLIGHTS

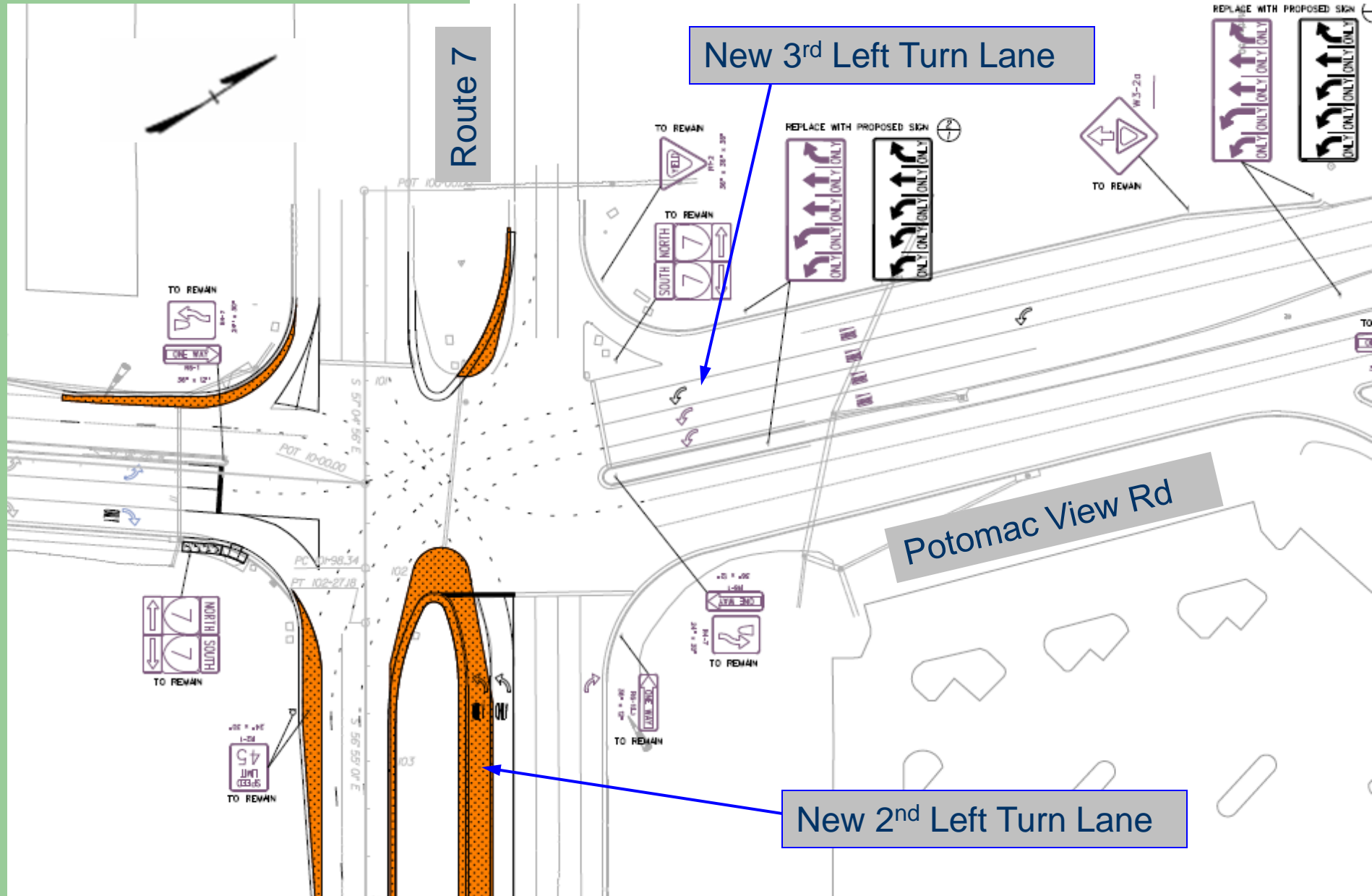
- POTOMAC VIEW ROAD

- Add 3rd left turn lane, southbound Potomac View Rd. onto eastbound Rte 7
- Add 2nd left turn lane, westbound Rte 7 onto southbound Potomac View Rd.
- Safety Improvements



Potomac View Road Looking South

POTOMAC VIEW ROAD



PROJECT HIGHLIGHTS

- **STERLING BOULEVARD**

- Add 3rd left turn lane, northbound Sterling Blvd. onto westbound Rte 7
- Add right turn lane on eastbound Rte 7 onto southbound Sterling Blvd.
- Closure of connections to Amherst Street/Place
- Safety Improvements



Sterling Boulevard Looking North

STERLING BLVD

Lanes shifted toward median to allow new right turn lane

W. Amherst Pl.

New Right Turn Lane

Access to/from Sterling Blvd to Close

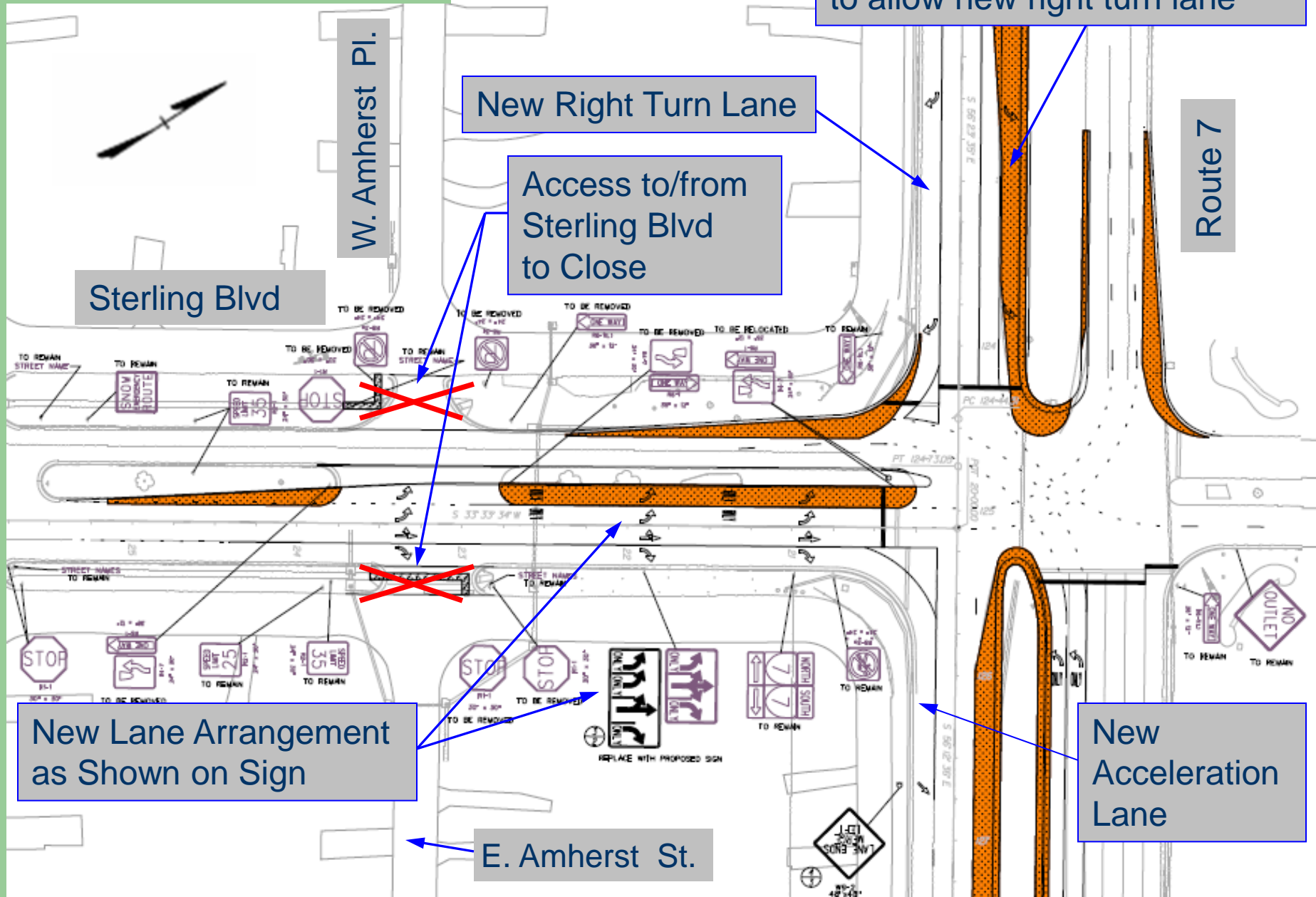
Route 7

Sterling Blvd

New Lane Arrangement as Shown on Sign

New Acceleration Lane

E. Amherst St.



PROJECT HIGHLIGHTS

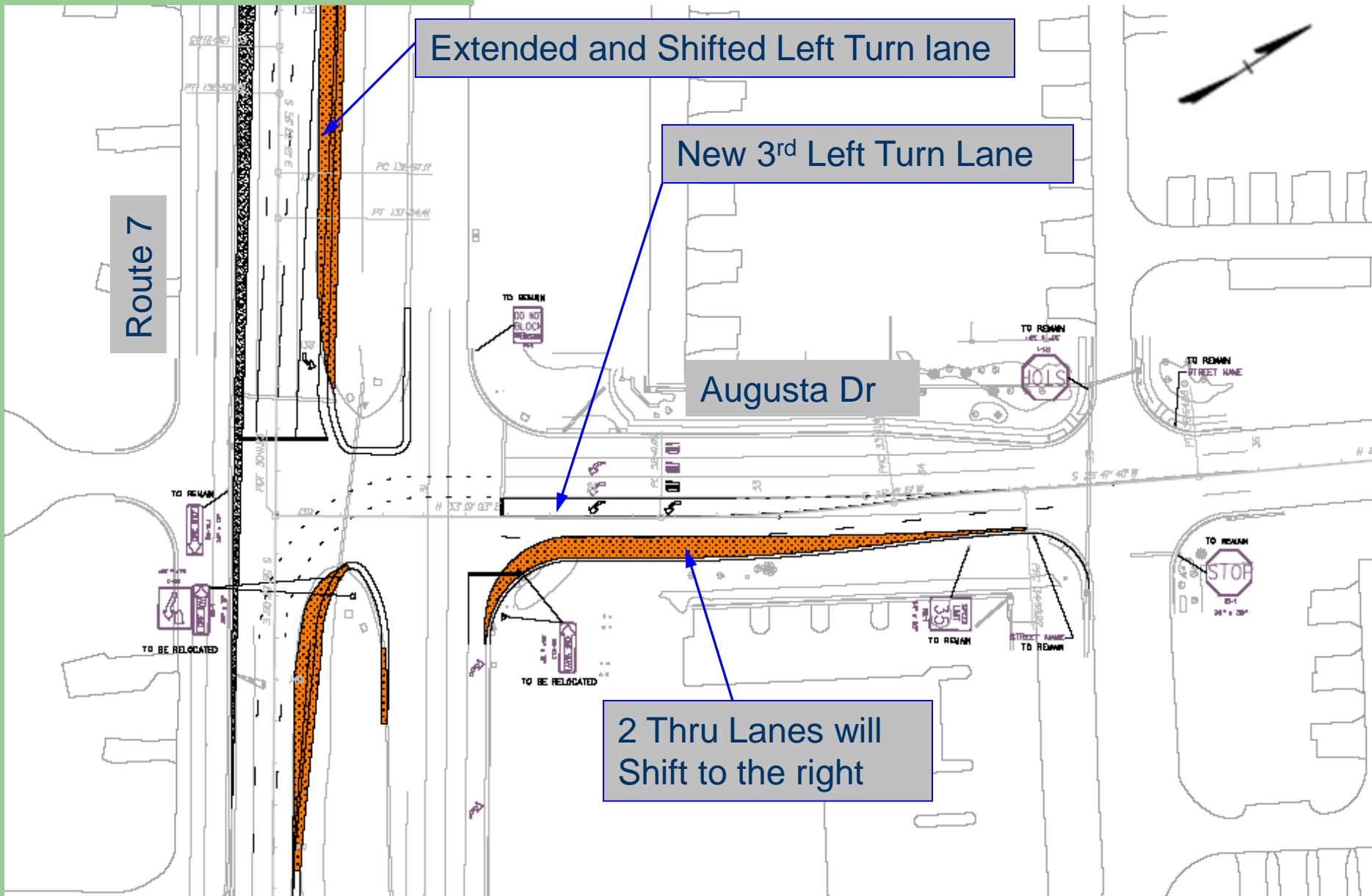
- AUGUSTA DRIVE

- Add 3rd left turn lane, southbound August Dr. onto eastbound Rte 7
- Extend left turn lane, westbound Rte 7 onto northbound Augusta Dr.
- Safety Improvements



Augusta Drive Looking South

AUGUSTA DRIVE



SAFETY IMPROVEMENTS

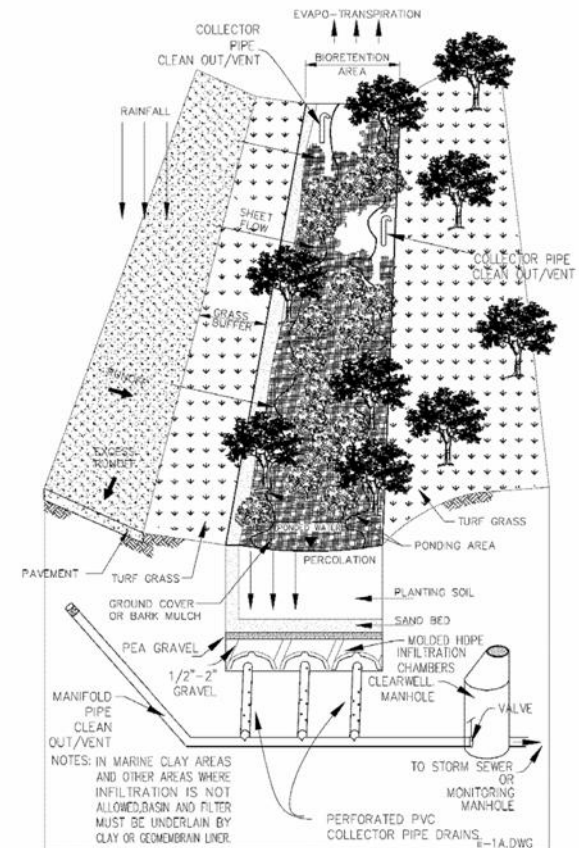
- Widened shoulders where feasible
- Increased acceleration zone where feasible
- Flattened slopes in median where feasible
- Traffic barrier (Guard Rail) along steep slopes

ENVIRONMENTAL IMPROVEMENTS

- Improving Roadway Drainage
 - Increasing Storm Sewer Pipe Sizes to handle more flow
 - Re-grading Median Ditch Lines

ENVIRONMENTAL IMPROVEMENTS

- Utilizing Landscaped Biofiltration Basins
 - Provides a “Low Impact” Solution
 - Aesthetically pleasing landscaping



TRAFFIC CONTROL HIGHLIGHTS

- Off-Peak Hour* Lane Closures
- Temporary lane narrowing
- Night Work to be minimized
- Construction Period Approximately 12 months

* Peak Hours currently defined as 5:00 a.m. to 9:00 a.m.
and 3:30 p.m. to 7:00 p.m.

PROJECT ACTIVITIES & CURRENT SCHEDULE

- SUBSTANTIAL COMPLETION
 - SUMMER 2013
 - FINAL ACCEPTANCE FALL 2013
 - WEBSITE: www.loudoun.gov/route7project

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QUESTIONS?

